

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please insert the following paragraph at page 16, line 3, before Example 1:

--By stringent hybridization conditions is meant that the filters are prehybridized for 1 to 2 hours in either 50% formamide, 5 X SSPE, 2 X Denhardt's reagent and 0.1% SDS at 42°C or 6 X SSX, 2 X Denhardt's reagent and 0.1% SDS at 68°C. The radiolabeled probe is then added directly to the prehybridization fluid and incubation is carried out for 16 to 24 hours at the appropriate temperature. After incubation, the filters are then washed for 20 minutes at room temperature in 1 X SSC, 0.1% SDS, followed by three washes of 20 minutes each at 68°C in 0.2 X SSC and 0.1% SDS. An autoradiograph is established by exposing the filters for 24 to 48 hours to X-ray film (Kodak XAR-2 or equivalent) at -70°C with an intensifying screen.--